



## EXTENSIONS

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1. Extend functionality.
2. Facilitate post processing.
3. Save time.

atum3D combines in-house expertise in the fields of hardware engineering, chemical material properties and coding software algorithms to create 3D excellence. Parts created with DLP Station are ready to be further processed. The optional Cleaning Station, Curing Station and Finishing Toolkit extensions make light work of post processing. Save time and effort in getting your parts ready for use!

**atum 3D**

3D Manufacturing Excellence

## CLEANING STATION

The Cleaning Station principle is based on the cavitation effect resulting from high frequency (ultrasonic) shockwaves in ethanol. The imploding microscopic bubbles are small enough to enter even the smallest of openings, cleaning your part thoroughly from any excess resin.

Features include:

- Stainless steel housing and basket
- Digital time and temperature indicators
- Digital power setting
- Digital frequency setting

### CLEANING STATION

Intended use	Professional
Technology	Ultrasonic
Color	Silver
Total power	400 W
Max. heating power	200 W
Max. vibrating element power	200 W
Max. temperature	80° C
Bath volume	6 l
Basket size	270 x 130 x 130 mm
AC input	230 V



## FINISHING TOOLKIT

After cleaning and curing, the final process step is to remove any supports and polish your parts. To make this task as easy as possible, atum3D offers the Finishing Toolkit. Our Toolkit includes the tools you need to finish your part to a shine.

The Finishing Toolkit includes:

- Nippers
- Tweezers
- Precision hammer
- Paper Holder
- Resin Tray Podium
- Sanding Paper

Precision-handle even the smallest parts with the included tools. Use the tweezers, nippers and precision hammer to remove supports from the part. Next, sand off any excess material. The Resin Tray Podium is a convenient holder for used resin trays. Thanks to the paper holder, you can conveniently tear off towels with a single hand.

## CURING STATION

Those who demand the most from 3D manufactured parts understand the importance of post-curing. Properly cured parts have mechanical properties far superior to those that are improperly cured. Professional post-curing requires precision equipment with a specific wavelength and intensity light source, time control, and temperature control. Curing Station ticks all the boxes.

Features include:

- Status indicators for Heat, Lamps and Door
- Timer control (5 minutes - 12 hours)
- Temperature control (Off, 30° - 60° C)
- Long life, replaceable UV LEDs
- Safety interlock

### CURING STATION

Intended use	Professional
Technology	UV Led & Temperature
Color	White
LED wavelength	405/365 nm
LED output	36 W
Chamber size	300 x 300 x 160 mm
AC input	220-240 V



## SERVICES

atum3D services have been created to make your life easy or set new standards to create results you're looking for. Available services include:

### Tolerance Tuning

Tolerance levels up to 6 µm in the Z-axis resolution are possible in fixed variable environments.

### Material R&D

We're ready to apply our expertise and research possibilities to achieve custom material requirements.

### Installation Service

atum3D offers the option to have hardware and software installed and calibrated for first use by certified professionals.

### Operator Training

We'll kickstart your atum3D product experience with a comprehensive online or on-site Operator Training course.

atum3D strives for 3-fold excellence. With proprietary **software, hardware** and an **open resin platform**, we offer exceptional **accuracy, speed** and **cost effectiveness**. We aim to make your life easy with comprehensive **training, services** and **support**. Team up with atum3D and become a part of the next industrial revolution!

For more information and specifications, please call +31 (0)85 488 26 60 or visit [atum3D.com](https://atum3D.com).

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